

The embodiment of the invention in which an exclusive property or privilege is claimed is defined as follows:

CLAIMS

- 1 1. A door jamb assembly for an EMI shielded room with the room having an
2 electrically conductive room shield and an electrically conductive door, said jamb
3 assembly comprising:
 - 4 a) electrically conductive members electrically connected to the room shield
5 and biased to the confines of the door jamb; and
 - 6 b) means for extending the conductive members outwardly from the door
7 jamb so as to establish electrical contact with the door.
- 1 2. The door jamb assembly as recited in claim 1 wherein the extending means is
2 activated by closing the door.
- 1 3. The door jamb assembly as recited in claim 1 wherein the extension means
2 utilizes air pressure.
- 1 4. The door jamb assembly as recited in claim 1 wherein said extension means
2 comprises a piston.

1 5. The door jamb assembly as recited in claim 1 wherein said extension means
2 comprises a bladder.

1 6. The door jamb assembly as recited in claim 1 wherein said extension means is
2 actuated by pressurized fluid.

1 7. A modular assembly for preventing electromagnetic radiation from leaking
2 between a door leaf and a door jamb of a shielded room, the assembly comprising:
3 a) an elongated frame adapted to be attached along a peripheral edge of the
4 door leaf;
5 b) an elongated, electrically conductive webbing in slidable communication
6 with said frame;
7 c) a means for extending the webbing from the edge; and
8 d) a means for retracting the webbing to a position which is in close spatial
9 relation to the frame.

1 8. The modular assembly as recited in claim 7 wherein the means for extending the
2 webbing from the edge is positioned intermediate the frame and the webbing.

1 9. The modular assembly as recited in claim 7 wherein the extending means further
2 comprises a rod extending substantially along a line defined by the edge, wherein the
3 rod is actuated by a plurality of pistons which extend perpendicular to the line.

1 10. The modular assembly as recited in claim 7 wherein the rod is biased toward the
2 frame.

1 11. The modular assembly as recited in claim 7 wherein the extending means further
2 comprises a rod extending substantially along a line defined by the edge, wherein the
3 rod is actuated by a plurality of bladders.

- 1 12. The modular assembly as recited in claim 7 wherein the webbing is extend d in
2 direction parallel to the plane formed by the door leaf.
- 1 13. The modular assembly as recited in claim 11 wherein intermediate the rod and
2 the webbing is reversibly deformable material.
- 1 14. The modular assembly as recited in claim 13 wherein the reversibly deformable
2 material contacts a surface of the rod which opposes the webbing.
- 1 15. The modular assembly as recited in claim 7 wherein the extending means further
2 comprises the use of a fluid ranging in pressure from 25 psi to 150 psi.